PTO/SB/05 (08-03)

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UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.	92.1048
First Inventor	Moriarty
Title	DIRECTIONAL CASING AND LINER DRICCING WITH MUD MOTOR
Express Mail Lahel No.	EV39919475445

(Only for new	nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No. 127	<u>4614 15445</u>
·	APPLICATION ELEMENTS oter 600 concerning utility patent application contents.	ADDRESS TO: Commiss P.O. Box	Patent Application Olioner for Patents 1450 Olio Cola VA 22313-1450
(Submit an 2. Applicant See 37 C. 3. Specificat (preferred a - Descriptiv - Cross Re - Statemen - Referenc or a comp - Backgrou - Brief Sum - Brief Sum - Brief Sum - Claim(s) - Abstract of 4. Drawing(s) 5. Oath or Declara a. Newly	ion [Total Pages 16] arrangement set forth below) ve title of the invention ference to Related Applications at Regarding Fed sponsored R & D e to sequence listing, a table, buter program listing appendix and of the Invention arrany of the Invention cription of the Drawings (if filed) Description of the Disclosure s) (35 U.S.C. 113) [Total Sheets 6]	ii. Paper c. Statements verifyin ACCOMPANYING Ai 9. Assignment Papers (co 10. 37 CFR 3.73(b) Statem (when there is an assig English Translation Doc 12. Information Disclosure Statement (iDS)/PTO-1	endix) Sequence Submission Form (CRF) Ence Listing on: CD-R (2 copies); or In it is possible to the possible
i. <u>DE</u> Sigr	intinuation/divisional with Box 18 completed) ELETION OF INVENTOR(S) The distance attached deleting inventor(s) The in the prior application, see 37 CFR 3(d)(2) and 1.33(b).	13. Preliminary Amendmen 14. Return Receipt Postcar (Should be specifically in 15. Certified Copy of Priorit (if foreign priority is claim 16. Nonpublication Reques (b)(2)(B)(i). Applicant m	d (MPEP 503) itemized) ty Document(s) med)
6. Applicat	tion Data Sheet. See 37 CFR 1.76	or its equivalent. Other:	
specification follow Continuat Prior application infor For CONTINUATION 5b, is considered a	mation: I OF DIVISIONAL APPS only; The entire disclosure of to part of the disclosure of the accompanying continuation only be relied upon when a portion has been inadve	37 CFR 1.76: uation-in-part (CIP) of prior applicati Art Unit: he prior application, from which an oath on or divisional application and is hereby ertently omitted from the submitted appli	on No.:
	19. CORRESPOI	NDENCE ADDRESS	
Customer	Number:	OR Corre	espondence address below
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Country UK		Telephone 1 281 285 7067	Fax 1 281 285 8821
Name (Print/Type)	Tim W_Curington	Registration No. (Attorney/Agent)	45,944
Signature	In (a)		Date 12-5-03

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│ FEE TRANSMITTAI			Application Number							
f TV 2004		Γ	Filing Date							
for FY 2004			First Named Inventor		tor N	Moriarty	,			
Effective 10/01/2003. Patent fees are subject to annual revision.		Examiner Name								
Applicant claims small entity status. See 37 CFR 1.27		Art Unit		_						
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SUBMITTED BY (Complete (if applicable))										
Name (Print/Type) Tim W. Cyrington				tion No.	45.	944		Telephone	12812857067	
Signature			Attomey	(Agent)				Date	12-5-03	

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Applicant:

Moriarty et al.

Attorney Docket No.:

92.1048

Serial No.:

Art Unit:

Filed:

herewith

Examiner:

Title:

DIRECTIONAL CASING AND LINER DRILLING WITH MUD MOTOR

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

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I hereby certify that this Fee Calculation Sheet (in duplicate) is being deposited with the United States Postal Service as Express Mail No. <u>EV39769475444</u> in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kerry Morris
Kerry Morris

December 12,2003 Date

Applicant: Moriarty et al. Attorney Docket No.: 92.1048

Serial No.: Art Unit:

Filed: Examiner:

Title: DIRECTIONAL CASING

AND LINER DRILLING WITH MUD MOTOR

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

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Kerry Morris

December 12, 2003

Date

Applicant: Moriarty et al. Attorney Docket No.: 92.1048

Serial No.: Art Unit:

Filed: Examiner:

Title: DIRECTIONAL CASING

AND LINER DRILLING WITH MUD MOTOR

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Cerry Morris December 12, 2003

Applicant: Moriarty et al. Attorney Docket No.: 92.1048

Serial No.: Art Unit:

Filed: Examiner:

Title: DIRECTIONAL CASING

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Kerry Morris

December 12, 2003

Date

Applicant: Moriarty et al. Attorney Docket No.: 92.1048

Serial No.: Art Unit:

Filed: Examiner:

Title: DIRECTIONAL CASING

AND LINER DRILLING WITH MUD MOTOR

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Kerry Morris

December 12, 2003

Date

Applicant: Moriarty et al. Attorney Docket No.: 92.1048

Serial No.: Art Unit:

Filed: Examiner:

Title: DIRECTIONAL CASING

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Erry Morris December 12, 3003

Date